

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1-14. (Canceled)

15. (Currently Amended) A hydrogen operated power system, comprising:
a supply system which supplies a gaseous fuel from a fuel supply tank to a hydrogen operated power source;

a pump provided in the supply system, which is driven by a sensorless motor;

an abnormality detecting portion which detects a plurality of types of different abnormalities related to currents driving the motor, the plurality of types of different abnormalities including abnormality in a power line supplying a power to an inverter of the motor and over-current in circuits after the current flows into the inverter; and

an abnormality determining portion which counts up an inclusive number of the plurality of types of different abnormalities, compares the number of the detected plurality of types of different abnormalities with a predetermined number, and determines that an abnormality has occurred in the supply system when the counted up inclusive number of the plurality of types of different abnormalities reaches the predetermined number after an instruction has been given to start the motor until a predetermined period of time has passed, the predetermined number being larger than one.

16. (Previously Presented) The hydrogen operated power system according to claim 15, wherein the supply system circulates the gaseous fuel supplied from the fuel supply tank to the hydrogen operated power source via a circulation path so as to supply the gaseous fuel to the hydrogen operated power source, and the pump circulates the gaseous fuel in the circulation path.

17. (Canceled).

18. (Previously Presented) The hydrogen operated power system according to claim 15, wherein the supply system is provided with a check valve mounted on a discharge side of the pump, and the abnormality determining portion determines sticking of the check valve to be an abnormality in the supply system.

19. (Previously Presented) The hydrogen operated power system according to claim 18, further comprising an outside air temperature detecting portion which detects an outside air temperature, and the abnormality determining portion determines whether the check valve is stuck based on the outside air temperature detected by the outside air temperature detecting portion.

20. (Previously Presented) The hydrogen operated power system according to claim 18, further comprising a pressure detecting portion which detects a pressure on the discharge side of the pump, and the abnormality determining portion determines whether the check valve is stuck based on the pressure detected by the pressure detecting portion.

21. (Previously Presented) The hydrogen operated power system according to claim 15, further comprising a system stopping portion which stops the system when it has been determined by the abnormality determining portion that there is an abnormality in the check valve.

22. (Previously Presented) The hydrogen operated power system according to claim 15, further comprising a restart instructing portion which instructs the system to restart when a potential abnormality has been detected by the abnormality detecting portion, until it is determined by the abnormality determining portion that there is an actual abnormality in the supply system.

23. (Previously Presented) The hydrogen operated power system according to claim 15, further comprising:

a system stopping portion which stops the system when the abnormality determining portion determines that the abnormality has occurred in the supply system.

24. (Previously Presented) The hydrogen operated power system according to claim 23, further comprising a restart instructing portion which instructs the system to restart when an abnormality has been detected by the abnormality detecting portion, until the system is stopped by the system stopping portion.

25. (Previously Presented) The hydrogen operated power system according to claim 15, wherein the abnormality detecting portion detects, as one of the plurality of abnormalities, at least one of an over-current abnormality in the motor, a short-circuit current abnormality in an element in the motor, and a lock abnormality in the motor.

26. (Previously Presented) The hydrogen operated power system according to claim 15, wherein the hydrogen operated power source is a fuel cell.

27. (Previously Presented) The hydrogen operated power system according to claim 15, wherein the hydrogen operated power system is a hydrogen engine.

28. (New) The hydrogen operated power system according to claim 25, wherein the over-current abnormality in the motor is detected by two phase current sensors attached to two of three phases of the inverter, the short-circuit current abnormality in an element in the motor is detected by a sensor provided in a power line supplying direct current power to the inverter, and the lock abnormality in the motor is detected based on a difference between an assumed speed of the motor and an estimated speed according to change in the two detected phase currents.